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[54] TELEPHONE HAVING A KEYPAD COVER

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[57] **ABSTRACT**

[73] Assignee: **Denso Corporation**, Japan

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[51] **Int. Cl.**⁷ **H04M 1/00**

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[58] **Field of Search** 379/433, 428,
379/434; 455/575, 90; 16/386, 388, 374,
375, 319, 327, 262, 263, 380, 303

[56] **References Cited**

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A telephone is provided including (a) a housing defining an ear speaker, a microphone opening and a keypad, (b) a flip cover constructed to cover a portion of the housing, the flip cover being rotatably mounted on the housing to pivot between a closed position and an open position, and (c) a hinge assembly providing the rotatable mounting of the flip cover on the housing. The hinge assembly includes a hinge member retained within the housing, and a pair of hinge pins rotatably engaged at opposite ends of the hinge member and extending outwardly from the housing through apertures in the housing. The hinge pins are received by pin-receiving portions of the flip cover, and the pin-receiving portions are constructed so that rotation of the flip cover between the open and closed positions rotates the hinge pins. The housing includes a portion constructed to cause the flip cover to disengage from the housing, without damage to the flip cover, when the flip cover is rotated beyond its normal open position.

17 Claims, 6 Drawing Sheets

